

KRYLOV, G.M.; KANTSEPOL'SKIY, I.S.

Reactions of tricalcium aluminate and tetracalcium aluminic ferrite  
with naturally fired clay in autoclave processing. *Usb. khim. shur.*  
no.3:37-42 '58. (MIRA 11:9)

1. Institut khimii AN USSR.  
(Calcium aluminates) (Clay) (Cement--Testing)

MYAKINCHENKO, M.I.; KANTSEPOL'SKIY, I.S.

Sulfate resistance of natural baked clay portland cement.

Usb. khim. shur. no. 4: 71-82 '58.

(MIRA 11:12)

1. Institut khimii AN U.S.S.R.

(Portland cement)

SADYKOV, I.I.; KANTSEPOL'SKIY, I.S.

Effect of carbonisation on the hardening process of calcium orthosilicate. Usb.khim.sov. no.5:77-87 '58. (MIRA 12:2)

1. Institut khimii AN UzSSR.  
(Calcium silicates)

MYAKINCHENKO, M.I.; KANTSEPOL'SKIY, I.S.

Sulfate resistance of portland cement and giesh-portland  
cement. *Usb.khim.sbur.* no.6:71-84 '58. (NIRA 12:2)

1. Institut khimii AN UzSSR.  
(Portland cement)

SHEVYAKOV, P.Ye.; KANTSEPOL'SKIY, I.S.

Effect of various concentrations of magnesium sulfate on the  
stability of portland cement and gliesh-portland cement. Uzb.  
khim.shur. no.6:85-89 '58. (MIRA 12:2)

1. Institut khimii AN UzSSR.  
(Portland cement)

(Magnesium sulfate)

MILOGRADSKAYA, A. I.; KANTSHPOL'SKIY, I. S.

Effect of higher magnesium oxide content on the quality of  
Roman cement. *Usb.khim.shur.* no.1:91-94 '59. (MIRA 12:6)

1. Institut khimii AN UzSSR.  
(Magnesia) (Roman cement)

GLEKEL' F.L.; KANTSEPOL'SKIY, I.S.

Causes of the corrosion of concrete structures and measures for  
its prevention in the Golodnaya Steppe. Mat. po proisv. sil.  
Uzb. no.15:425-434 '60. (MIRA 14:8)

1. Institut khimii AN Uzbekskoy SSR.  
(Golodnaya Steppe—Concrete—Corrosion)

BOGOLEPOVA, M.A.; KANTSEPOL'SKIY, I.S.

Effect of various conditions of solidification on the hydration  
of lime-natural burnt clay cement. Uzb. khim. zhur. no.3:73-78  
'60. (MIRA 13:10)

1. Institut khimii AN UzSSR.  
(Cement)



KANTSEPOL'SKIY, I. S.; KOLONTAROV, I. Kh.; STRAVCHINSKIY, A. I.

Determination of the conditions for the autoclave treatment  
of Portland cement and optimum addition of natural burnt clay  
to it. Uzb. khim. zhur. no. 4:55-61 '60. (MIRA 13:9)

1. Institut khimii AN UzSSR.  
(Portland cement) (Clay)

KANTSEPOL'SKIY, I.S.; GALKINA, G.V.; MILOGRADSKAYA, A.I.

Corrosion of cements in highly concentrated magnesium sulfate  
solutions. Kor. tsem. i mery bor'by s nei no.1:27-70 '61.

(MIRA 17:2)

KANTSEPOL'SKIY, I.S.; BOGOLEPOVA, M.A.

Sulfate resistance of cement made of naturally calcined clay. Kor.  
tsen. i mery bor'by s nei no.1:71-76 '61. (MIRA 17:2)

KANTSEPOL'SKIY I.S.; MILOGRADSKAYA, A.I.

Sulfate resistance of cements made in Uzbekistan. Kor. tsem. i  
mery bor'by s nei no.1:88-110 '61. (MIRA 17:2)

MILOGRADSKAYA, A.I.; KANTSEPOL'SKIY, I.S.; KOLONTAROV, I.Kh.

Manufacturing sulfate resistant portland cement at the Begovat  
Cement Plant. Kor. tsem. i mery bor'by s nei no.1:111-127 '61.  
(MIRA 17:2)

KANTSEPOL'SKIY I.S.; GLEKEL', F.L.; KOLONTAROV, I.Kh.

Effect of the density of cement stone on the corrosive processes  
in glinite-portland cement during sulfate aggression. Kor. tsem.  
i mery bor'by s nei no.1:128-140 '61. (MIRA 17:2)

ATAKUZIYEV, T.A.; KANTSEPOL'SKIY, I.S.

Acid corrosion of cements. Kor. tsem. i mery bor'by s nei no.1:  
155-161 '61. (MIRA 17'2)

RAKHIMBAYEV, Sh.M.; KANTSEPOL'SKIY, I.S.

Study of sulfate resistance of portland cement by differential thermal analysis. Uzb.khim.zhur. 6 no.2:73-76 '62. (MIRA 15:7)

1. Institut khimii AN UzSSR.  
(Portland cement) (Thermal analysis) (Sulfates)



MYAKINCHENKO, M.I.; KANTSEPOL'SKIY, I.S.

Preparation of first experimental batches of sulfate-resistant  
gliezh portland cement at cement plants of Uzbekistan.

Kor. tsem.i mery bor'by s nei no.2:5-54 '62. (MIRA 15:11)

(Uzbekistan—Portland cement)

(Sulfates)

KANTSEPOL'SKIY, I.S.; GALKINA, G.V.; GIZNEL', F.L.

Effect of the duration of cement prehardening in water  
on its sulfate resistance. Kor.tsem.i mery bor'by s nei  
no.2:94-108 '62. (MIRA 15:11)

(Portland cement)  
(Sulfates)

RAKHIMBAYEV, Sh.N.; KANTSEPOL'SKIY, I.S.

Study of the sulfate resistance of giesh portland cement  
by the differential thermal analysis. Kor.tsem.i mery  
bor'by s nei no.2:172-176 '62. (MIRA 15:11)

(Portland cement)

(Sulfates)

(Thermal analysis)

RAKHIMBAYEV, Sh.M.; KANTSEPOL'SKIY, I.S.

Sulfate-resistance of autoclaved cements. *Uzb.khim.abur.* 7  
no.1:15-22 '63. (MIRA 16:4)

1. Institut khimii AN UzSSR,  
(Sulfate-resistant cement)

KANTSEPOL'SKIY, I.S.

Introduction. Kor. tsem. i mery bor'by s nei no.1:7-14 '61.

Formation of calcium hydrosulfate in cements. Ibid.:162-172  
(MIRA 17:2)

KANTSEPOL'SKIY, I.S.; ZHABITSKIY, M.S. [deceased]; SHEVYAKOV, P.Ye.

The role of the sulfoaluminate of calcium and gypsum in the sulfate corrosion of cements. Kor. tsem. i mery bor'by s nei no.1:  
15-26 '61. (MIRA 17:2)

KANTSEPOL'SKIY, I.S.; GALKINA, G.V.; MYAKINCHENKO, M.I.

Sulfate resistance of cements in low magnesia salt solutions.  
Kor. tssem. i mery bor'by s nei no.1:77-87 '61. (MIRA 17:2)

ATAKUZIYEV, T.A.; KANTSEPOL'SKIY, I.S.

Effect of highly diluted sulfuric acid on the resistance of  
portland cement and giesh portland cement and on certain clinker  
minerals. Uzb.khim.zhur. 8 no.1:20-28 '64. (MIRA 17:4)

1. Institut khimii AN UzSSR.



KANTSEPOL'SKIY, I.S.; GLEKEL', F.L.; RAPOPORT, K.V.

Increasing the sulfate resistance of cement mortars by autoclave treatment. Uzb.khim.zhur. 8 no.4:26-37 '64.

(MIRA 18:12)

1. Institut khimii AN UzSSR i Nauchno-issledovatel'skiy institut po stroitel'stvy akademii stroitel'stva i arkhitektury SSSR.

MILOGRADSKAYA, A.I.; KANTSEPOL'SKIY, I.S.

Sulfate resistance of  $\beta$ - $2\text{CaO} \cdot \text{SiO}_2$  in magnesium salt solutions.  
Uzb. khim. zhur. 9 no. 4, 1-16 '65. (MIRA 18:12)

1. Institut khimii AN UzSSR. Submitted Nov. 21, 1964.

*XANTSEVICHYUS, D. I.*  
Category : USSR/Atomic and Molecular Physics - Physics of the atom.

D-1

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 733

Author : Vizbarayte, Ya.I., Xantserevichyus, A.I., Yutsis, A.P.

Inst : Vil'nyus University

Title : The Fok Self-Consistent Field for the Excited Helium Atom

Orig Pub : Optika i spektroskopiya, 1956, 1, No 1, 9-16

Abstract : Solutions for the equations of the Fok self-consistent field are given for the  $1s2s$ ,  $1s2p$ ,  $1s3p$ , and  $1s4p$  configurations of the helium atom. A possible simplification of the Fok equations is considered. The simplified Fok equations are solved for the  $1s5p$ ,  $1s6p$ ,  $1s3d$ ,  $1s4d$ ,  $1s5d$  and  $1s6d$  configurations of the helium atom. These solutions are used to determine the values of the total energy. The values of the total dipole strength are given for the transitions between the ground configuration of the helium atom and the excited configurations, and also between the excited configurations themselves.

Card : 1/1

KANTSEREVICHYUS, A.I., Cand Phys-Math Sci—(USSR) "~~the~~ Problem of ~~the~~  
application and convergence of the multiconfiguration approximation  
in the case of light atoms." Vil'nyus, 1958. 10 pp (In of Higher  
Education USSR. Vil'nyus State U in V. Kapsukas), 100 copies  
(KL,25-58, 106)

-12 -

KANTSEROV, I.Kh.; ROZENSHTEYN, D.N.

Changes in cholesterol, protein fractions and lipoproteins of the blood in functional disorders of the central nervous system. Biul. eksp. biol. i med. 57 no.1:30-32 Ja '64.

(MIRA 17:10)

1. Kafedra patofiziologii (zav. - prof. M.A. Yezhin) Kazanskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR A.V. Lebedinskim.

KANTSEROV, I.Kh.

Role of the autoallergic component in the mechanism of the development of experimental atherosclerosis. Nauch. trudy Kaz. gos. med. inst. 14:195-196, '64. (MIRA 18:9)

1. Iz kafedry patologicheskoy fiziologii (zav. - prof. M.A. Yerzin) Kazanskogo meditsinskogo instituta.

KANTSEROV, I.Kh., kand.med.nauk (Kazan'); KRASNOPIEROV, F.T. (Kazan')

Problems of hypertension, atherosclerosis and coronary  
insufficiency at the Twelfth Scientific Session of the  
Institute of Therapy of the Academy of Medical Sciences  
of the U. S. S. R. (January 28-30), 1961 in Moscow). Kaz.  
med. zhur. no.5:94-95 3-0 '61. (MIRA 15:3)

(HYPERTENSION)

(ARTERIOSCLEROSIS)

(CORONARY HEART DISEASE)

KANTSERYAVICHYUS, A. I. [Kancerevicius, A.]

Energy levels and isotopic term displacement of excited helium-type atoms. Liet ak darbai no.3:107-123 '61.

1. Institut fiziki i matematiki Akademii nauk Litovskoy SSR.



S/058/62/000/005/040/119  
A001/A101

AUTHOR: Kantseryavichyus, A. I.

TITLE: Energy levels and isotopic displacements of terms in excited states of helium-type atoms

PERIODICAL: Referativnyy zhurnal, Fizika, no. 5, 1962, 3, abstract 5V15 ("Tr. An LitSSR", 1961, v. B3(26), 107-123, Lithuan. summary)

TEXT: Using analytical wave functions the author determined energy levels of excited states of helium-like atoms from He to  $O^{6+}$ , mass defect and relativistic corrections to energy of some levels, as well as isotopic displacement of terms. In the case of S terms with  $n = 2, 3$ , the multi-configuration approximation is employed, and the effectiveness of this method for refining wave functions in determining above-mentioned quantities is analyzed. Theoretical data are compared with available experimental data and corresponding data of other authors. Some considerations are presented as to accuracy of the known results. ✓

[Abstracter's note: Complete translation]

Card 1/1

L 17991-63

EWT(1)/LWP(q)/EWT(m)/BDS

AFFTC/ASD/IJP(C)

JD/JG

ACCESSION NR: AT3002106

S/2910/61/001/01-/0089/0096

AUTHOR: Kantseryavichyus, A. I.

TITLE: Theoretical study of the excited states of Lithium type atoms<sub>21</sub>

SOURCE: AN Lit SSR. Litovskiy fizicheskoy sbornik. v.1, no.1-2, 1961, 89-96

TOPIC TAGS: Lithium, wave function, excited state, ground state, total energy, ionization energy, Li

ABSTRACT: This theoretical paper examines the suitability of the analytical wave functions of the hydrogen type for the theoretical calculation of the excited states of atoms of the Lithium type. The numerical values of the total energy and of the ionization energy of said atoms are determined, also the relativistic corrections of the ground state of He-type atoms. The wave function of the excited states of Li-like atoms is constructed from the wave function of the external electron and the wave function of the electrons of the closed shell, with due consideration to the requirement of symmetry. A tabulated numerical comparison shows that the total-energy and ionization-energy values for highly excited states accord well with the true values. From a review of the results of the relativistic corrections it becomes apparent that in the determination of the relativistic corrections the

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L 17991-63

ACCESSION NR: AT3002106

3  
greatest significance must be attributed to the accuracy of the single-electron wave functions not to the functions of the entire atom. Thus the relativistic corrections obtained in the single-configuration approximation are closer to the exact values found by T. Kinoshita (Phys. Rev., v.105, 1957, 1490) than the corrections determined in the 2-configuration approximation in which less exact single-electron functions are used. However, the energy value is obtained more accurately if the latter functions are used. "The author expresses his gratitude to Academician A. P. Yutsis and Dotsent A. Ushpals for their interest in this work." Orig. art. has 8 numbered formulas and 5 tables.

ASSOCIATION: Institut fiziki i matematiki Akademii nauk Litovskoy SSR (Institute of Physics and Mathematics, Academy of Sciences, LithSSR)

SUBMITTED: 29Apr61      DATE ACQ: 23Apr63      ENCL: 00

SUB CODE: PH, EL      NO REF SOV: 006      OTHER: 005

Card 2/2

KANTSEROV, I. Kh.

"The effect of serum and bacterial antigens on the higher nervous activity of animals (rabbits) in various immunological states of the organism."  
Kazan' State Medical Inst. Kazan', 1956. (DISSERTATION For the Degree of Candidate in MEDICAL SCIENCE.)

Knizhnaya letopis'  
No 33, 1956, Moscow

UZHDAVINI, E.R.; v rabote prinimala uchastiye KANTSEEROVA, N.I., studentka.

Materials on a comparative physiology of salivary reflexes.

Trudy Inst. fiziol. 9:139-150 '60.

(MIRA 14:3)

1. Laboratoriya ekologicheskoy fiziologii (zaveduyushchiy - A.D. Slonim) Instituta fiziologii im. I.P.Pavlova.  
(SALIVARY GLANDS) (REFLEXES)

KANTSEKOVA, Z.

A man with an inquisitive mind. WFO 2 no.1:37-39 Ja '60.

(MIRA 13:5)

(Moscow--Calculating machines--Technological innovations)

TAMANOV, Georgiy Nikolayevich; KANTSIBKO, Ivan Pavlovich;  
KHACHATRYAN, Z.L., inzh., nauchn. red.

[Assembly of control and automatic control systems in the  
chemical and petroleum refining industries] Montazh sistem  
kontrolla i avtomatiki v khimicheskoi i neftepererabaty-  
valushchei promyshlennosti. Moskva, Stroizdat, 1965. 183 p.  
(MIRA 19:1)

KANTSLER, M. M.

**KANTSLER, M. M., ORLOV, G. A.**

**Contemporary laboratory diagnostic methods of virus influenza.**  
Sovet med. No. 11, Nov. 50. p. 20-2

CIML 20, 3, March 1951



1. KANTSLER, Ya. Yu.
2. USSR (600)
4. Screw-cutting machines
7. High-speed thread cutting. Stan. i instr., 23, No 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KANTSLIRZH

CZECHOSLOVAKIA/Laboratory Equipment.

F.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 53599

Author : Kantslirzh

Inst

Title : The Calibration of Thermocouples Used in Differential Thermal Analysis.

Orig Pub : Chem. Zvesti, 1957, 11, No 9, 566-568

Abstract : A description is given for the calibration of the thermocouples, Pt - Pt Rh, in semi-automatic equipment used for differential thermal analysis. According to this method it is possible to easily and accurately calibrate the thermocouples by means of readily available substances.

Card 1/1

SIMONAVICHENE, K.[Simonaviciene, K.]; KANTSLERIS, A.[Kancleris, A.],  
otv. za vypusk; KURIS, A., inzh., spets. red.; ABROMATIYENE, Kh.  
[Abromaitiene, H.], red.; YEFIMOVA, F., red.; PILKAUSKAS, K.,  
tekhn. red.

[~~Mechanization~~ and automation of production processes in the wood-  
working industries; bibliographical index] Medzio apdirbimo pramonės  
gamybos procesu mechanizavimas ir automatizavimas; bibliografine  
rodykle. Vilnius, 1961. 117 p. (MIRA 15:4)

1. Lithuanian S.S.R. Liaudies ukio taryba. Centrine mokslinė-  
techninė biblioteka, Vilna.  
(Bibliography--Woodworking industries)  
(Bibliography--Automatic control)

KANTSLERIS, A.Yu. (Vil'nyus).

Discussion of the problems of information work in a public club  
of technical progress. NTI no.3:20 '64.

KANTSLEIS, A.Yu. [Kancleis, A.]

First Conference on Mechanization of Information and Library  
Work in Lithuania. NTI no.9:26 '64. (MIRA 18:2)

KANTSOV, N. A.

Sci/Physics  
Discharges; Electric  
Corona Discharges

Thirty Years of USSR Studies of the Physics of  
Electrical Discharges in Gases, "N. A. Kantsov,  
228 pp

"Tapekhi Fiz Nauk" Vol XXV, No 3

Treats subject under: study of processes in plasma  
of gaseous discharge; avalanche discharges; ignition  
of "independent discharge"; corona discharge and  
frequency discharges; the spark discharge, use of  
lightning; radiation of gaseous discharge, use of

11/497104

Jul 48

USSR/Physics (Contd)

electric discharges in gases as new sources of light;  
elementary processes of electrical discharges in  
gases; technical applications of electrical dis-  
charges in gases.

11/497104

*KALTSUR, I,*

KALTSUR I. BURDOY, M.

Simplify records on the movement of raw material and products  
at feed mills. Mak.-elev.prom. 23 no.9:29 S '57 (MIRA 10:11)

1. Gul'kevichskoye zavodoupravleniye No.10:  
(Feed mills)

KANTSUR, I.

Employees of the Yaroslavl Flour Mill No. 2 improve the work.  
Muk.-elev. prom. 27 no.6:17 Je '61. (MIRA 14:6)

1. Direktor Yaroslavskoy mel'nitsy No. 2.  
(Yaroslavl—Flour mills)



U

USSR/General Problems of Pathology - Immunity.

Abs Jour : Ref Zhur Biol., No 5, 1959, 22634

Author : ~~Kantsur, M.Ya., Izbavitelev, P.V., Golembo, S.N.,~~  
~~Solomonov, Sh.Sh., Blokhov, V.P.~~

Inst : Military-Medical Academy

Title : On Providing C-Vitamin in Soldier's Rations and Influence  
of Vitamin C on the Production of Immune Bodies in the  
Organism.

Orig Pub : Voen.-med. zh., 1958, No 3, 43-51

Abstract : In culinary preparations in soldiers' rations during the  
Spring-Summer period, the actual content of vitamin C  
may be below 40-60 mg. The soldiers were immunized with  
'NIISI' vaccine; 1 group recieved an additional amount  
of ascorbic acid with food (I; 50 mg per person). The  
antibody titer (AT) was determined 1,4, and 9 weeks after

Card 1/2

- 4 -

~~During the daytime hours, Owing to the composition of the insect population and~~

during the daytime hours. Owing to the composition of the insect population and nature of the locality, it was decided to destroy the larvae in the various bodies of water. Because spraying from an airplane was ruled out as too costly and manual spraying was considered too tedious and time-consuming, the team used "Germ-3"

Card 1/2

NO REF LOW 000

OTHER: 000

KANTSUR, M.A.; YELIN, I.S.; RUBINOVA, Z.I.

Fauna and phenology of mosquitoes of the genus *Aedes* in some districts  
of White Russia. Med. paraz. i paraz. bol. 34 no.1:22-24 Ja-F '65.  
(MIRA 18:8)

KANTSYN, A., Insh.

Stand for balancing crankshafts. Avt. transp. 43 no.6:  
39-40 Je '65. (MIRA 18:6)

PCTYAGALOV, Afanasiy Fedorovich; KANUNNIKOV, I.V., red.; AGADZHANOVA, I.A., red.; MEN'SHENINA, V.A., red.

[Warp sizing] Shlikhtovanie osnov. Izd.2., dop. 1 perer.  
Moskva, Legkaia industriia, 1965. 363 p. (MIRA 18:3)



|             |  |   |
|-------------|--|---|
| COUNTRY     | : USSR   | R |
| CATEGORY    | : Diseases of Farm Animals. Diseases Caused by Helminths   |   |
| ANNO. JOUR. | : REZhBiol., No. 6 1959, No. 25694   |   |
| AUTHOR      | : Lyudgina, N. M.; Kantsurova, L. A.   |   |
| INST.       | : Altay Agricultural Institute   |   |
| TITLE       | : Dependence of the Incidence of Helminthiases in Horses upon the Conditions of Their Feeding and Management |   |
| ORIG. PUB.  | : Sb. stud. nauchn. rabot. Altaysk. s.-kh. in-t, 1957, vyp. 6, 63-67   |   |
| ABSTRACT    | : No abstract.   |   |

CARD: 1/1



8(6), 14(6)

SOY/112-59-4-6628

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 34 (USSR)

AUTHOR: Davydov, N. I., Kantsyreva, L. N., and Mel'nikov, B. N.

TITLE: Testing a New System of Regulating Drum-Type Boilers at the Nr 11  
Heat and Electric Power Plant, Mosenergo

PERIODICAL: Sb. inform. materialov Mosenergo, 1957, Nr 14, pp 3-22

ABSTRACT: Test results of 8 systems of regulating the base-load boiler have shown that the best system is the following: the fuel regulator acts depending on the steam rate-of-flow and on the steam-pressure rate-of-change in the boiler drum; the air regulator maintains the air feed constant in accordance with the prescribed load. This scheme is the basis for successful regulating of parallel-operating boilers. The system ensures a constant steam pressure in the main and a predetermined load distribution among the boilers.

Ya. V. R.

Card 1/1

RUMANIA / Chemical Technology. Control Devices &  
Automatic Regulation. H

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39935.

Author : Kantuniari, Ryshke, Badya.

Inst : Not given.

Title : The Problems of Automatization of Continuous Motion;  
in Distillation Setups.

Orig Pub: Rev. Chim., 1957, No 8, 528-534.

Abstract: Various constructions for automatization of distillation assemblies is described; a catalog of applied equipment is given.

Card 1/1

5

YAKOVLEV, P.M.; KANTUR, G.Ye.

Some physical and mechanical properties of grape pomace. Izv.  
vys. ucheb. zav.; pishch. tekhn. no.4:140-141 '61. (MIRA 14:8)

1. Krasnodarskiy institut pishchevoy promyshlennosti i Krasnodarskiy  
vinno-vodochnyy zavod.

(Grapes)

Kanturek, J.,

Electron conductivity, thermoluminescence, and thermoemission of ionic  
crystals. P. 9  
CESKOSLOVENSKY CASOPIS PRO FYSIKU. (Ceskoslovenska akademie ved.  
Ustav technicke fysiky) Praha.  
Vol. 6, no. 1, Jan. 1956

Source: EEAL - LC Vol. 5. No. 10 Oct. 1956

... with the ...  
... prepared by X-ray ...  
... describing the phenomena, and are used to ...  
... placement of the luminescence maximum ...  
... emission and conductivity

B.T.M. WILKINSON

KANTUREK, J.

CZECHOSLOVAKIA/Optics - Luminescence.

K

Abs Jour : Ref Zhur Fizika, No 1, 1960, 2117

Author : Dolejsi, J., Kanturek, J., Bohun, A., Truka, J.

Inst : -

Title : Luminescence, Coloring and Exoelectronic Emission by Different Methods from Colored Crystals of  $\text{CaF}_2$

Orig Pub : Ceskosl. casop. fys., 1958, 8, No 4, 453-464

Abstract : To observe certain optical and electrical phenomena in  $\text{CaF}_2$  crystals, the authors have used a complex method, consisting of measuring two quantities that characterize simultaneously the processes that take place. One of these was always the integral thermoluminescence, while the other was either the thermoluminescence, or the thermal absorption, or the thermoluminescence as a function of the frequency. The measurements were carried out at a constant temperature or at a temperature that was gradually increasing

Card 1/3

CZECHOSLOVAKIA/Optics - Luminescence.

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000520420009-9

Abs Jour : Ref Zhur Fizika, No 1, 1960, 2117

using crystals of  $\text{CaF}_2$ , dyed photochemically, additively, or by a combination of both methods. The following can be concluded from the measurement results: 1) the complex method makes it possible to obtain more accurate information on the defects in real crystals; 2) by choice of heat treatment and coloring it is possible to locate the principal maxima of thermoluminescence near 370, 480, and 6500 K, corresponding to the absorption bands near 3600, 5200, and above 5800 Å; 3) the presence of colloidal formations in the crystal does not prevent the observation of all three types of color centers, the absorption bands of which overlap the colloid bands; 4) thermoabsorption in  $\text{CaF}_2$  cannot be placed in a one to one correspondence with the maxima of luminescence and exoluminescence, owing to the overlap of the absorption bands at high temperatures;

Card 2/3

- 120 -

Abs Jour : Ref Zhur Fizika, No 1, 1960, 2117

5) the spectral analysis of thermoluminescence shows that in luminescence processes impurities of

CZECHOSLOVAKIA/Optics - Luminescence.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4535

Author : Dolejsi, J., Kanturek, J., Bohun, A., Trnka, J.

Inst : -

Title : Luminescence, Coloring, and Exoelectronic Emission of  $\text{CaF}_2$ , Colored by Various Means

Orig Pub : Chekhosl. fiz. zh. 1958, 8, No 5, 548-556

Abstract : A complex method was used to investigate the absorption, thermoluminescence (TL), and exoelectronic emission (EE) of various naturally and artificially grown crystals of  $\text{CaF}_2$  (ten samples), colored photochemically, additively, or by a combination of both methods, or else those subjected to heat treatment prior to coloring. The measurements were made of the absorption spectrum, the TL spectrum, and a simultaneous measurement of the integral TL and one of the following characteristics: 1) TL at a definite wave length (through a monochromator),

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Z/055/62/012/007/008/012  
1045/1245

AUTHOR: Kantůrek, J., Suk, K.

TITLE: Absorption and dispersion of the NaCl:Ni crystals

PERIODICAL: Chekhoslovatskiy fizicheskiy zhurnal, v. 12, no. 7, 1962, 549-554

TEXT: The crystals were prepared in air by Kyropoulos' method and contained 0.1% Ni or Cd. Their dimensions were  $8 \times 8 \times 0.6$  mm. Measurements were made with a Zeiss monochromator and a photo-multiplier and revealed differences in the behavior of slowly and rapidly cooled crystals. The former showed deviations from the results obtained by Toman (Czech. J. Phys. B12, 1962, 542). A comparison with the Toman experiments showed that irradiation with X-rays generates microregions of segregated impurities in the crystals. These are apparent in an increased dispersion of light in the ultra-violet region and disappear at 70°K. There are 6 figures.

ASSOCIATION: Institut fiziki tverdogo tela ChSAN (Institute of Solid State Physics CzAS) Prague

SUBMITTED: December 27, 1961

Card 1/1



BOHUN, A.; DOLEJSI, J.; HUML, K.; KANTUREK, J.; KUNZLOVA, I.; LEBL, M.;  
TRNKA, J.

Optical and electric occurrences in sodium chloride crystals  
activated with copper. Chekhosl 'iz zhurnal 13 no.3;211-215  
'63.

1. Ustav fyziky pevných látek, Československá akademie věd, Praha.

KANTUREK, J.; SUK, K.

Line scattering images on crystals of NaCl with nickel. Pt.2.  
Chekhosl fiz zhurnal 13 no.11:800-809 '63.

Line scattering images on admixtures in alkali halides. 810-813

1. Ustav fyziky pevných látek, Československá akademie věd,  
Praha.

BOHUN, A.; DOLEJSI, J.; KADERKA, M.; KANTUREK, J.; KUNZLOVA, I.; LEBL, M.;  
TRNKA, J.

Photoluminescence and related phenomena of NaCl crystals containing Cd and Co. Acta phys Hung 14 no.2 3:246-253 '62.

1. Institut für Technische Physik der Tschechoslowakischen Akademie der Wissenschaften, Prag, CSSR. Vorgelegt von G. Sziget [Gyorgy Sziget]

SONKA, Jiri; KANTUREK, Vit; PACOVSKY, Vladimir

Problem of determination of true creatinine and its clinical application. Cas.lek.cesk. 91 no.39:1128-1130 26 Sept 52.

1. Z III. interni kliniky lekárske fakulty K.U. v Praze, prednosta prof. dr. Josef Charvat.

(CREATININE, determination,  
in blood & urine)

(BLOOD,  
creatinine, determ.)

(URINE,  
creatinine, determ.)

SONKA, J.; KANTUREK, V.; PACOVSKY, V.

Certain problems of detecting creatine in the urine. Chekh.  
fiziol.2 no.2:222-224 '53. (MLRA 7:2)

1. III-'ya klinika vnutrennikh bolezney meditsinskogo fakul'teta  
universiteta im. Karla IV, Praha.  
(Urine--Analysis and pathology) (Alkaloids)

KANTÚREK V., ŠONKA J., and PACOVSKÝ V. Z III

4583. KANTÚREK V., ŠONKA J., and PACOVSKÝ V. Z III. intern. kliniky lékařské fakulty U.K. v Praze, \* Metabolismus pentos a glukokortikoidy. Glucocorticoids and metabolism of pentoses ČAS. LÉK. ČES. 1953, 92/3 (68-71)

Small amounts of ribose and arabinose and minute traces of xylose were detected in normal urine by paper chromatography. After administration of ACTH or cortisone there was a marked increase of the excretion of pentoses and glucose. Simultaneously the excretion of ketone bodies decreased. Five possible mechanisms are considered as possible sources of the increased pentose excretion after ACTH or cortisone and an oxidation of glucose via pentoses is considered the most probable.

Hayrevesky - Prague (II, 3)

SO: Excerpta Medica, Section II, Vol 7, No 9

SONKA, J.; ~~KANTURK, E.~~ PACOVSKY, V.

Theoretical principle of clearance of endogenous creatinine. Cas.  
lek. cesk. 92 no. 45:1227-1232 6 Nov 1953. (CINL 25:4)

1. Of the Third Internal Clinic (Head--Prof. J. Charvat, M.D.) of  
Charles University, Prague.

KANTUREK V.

Excerpta Medica Sec 6 Internal Medicine Vol. 9/6 June 55

3431. KANTUREK V., PACOVSKÝ V. and ŠONKA J. Biochem. Lab., III.intern.Klin.,  
~~tek. Fak. Un. Praha.~~ \*O specifické Lloydova činidla při stanovení kreati-  
ninu v seru. Specificity of Lloyd's reagent in the determi-  
nation of serum creatinine ČAS LÉK.ČES. 1954, 93/16 (435-438)  
Tables 3

The specificity of Lloyd's reagent (aluminium silicate) for absorption of creati-  
ne (I) was investigated by paper chromatography. The following solvent mixtures  
were used: *n*-butanol-acetic acid-water, pyridine-picoline-water and cresol-*iso*-  
propanol-water. Paper strips 40 x 2.5 cm.; detection with alkaline picrate. Be-  
cause deproteinized serum gave insufficiently distinct spots, only artificial mix-  
tures and urine were used. Chromatography was performed on each sample be-  
fore and after treatment with Lloyd's reagent (detailed composition not stated). It  
is concluded that not only I but also a number of other Jaffe-positive substances,  
e.g.  $\beta$ -hydroxybutyric, pyruvic and acetoacetic acids, indole, hydantoin, glyco-  
cy-  
amidine, cholesterol and some unidentified compounds are adsorbed. On the other  
hand some I remained unadsorbed.  $R_f$  values are given in tables.

Heyrovský - Prague (II, 6)



L 12948-66

ACC NR: AP6005670

SOURCE CODE: CZ/0079/65/007/002/0181/0183

AUTHOR: Tuma, J.; Sturma, A.; Kanturek, V.; Dankova, J. 26B

ORG: Institute of Aviation Medicine, Prague; Military Academy, Prague; Institute of Industrial Hygiene and Occupational Diseases, Prague

TITLE: Psychophysiological and biochemical study in university students during examinations [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: *Activitas nervosa superior*, v. 7, no. 2, 1965, 181-183

TOPIC TAGS: psychophysiology, biochemistry, man, vision

ABSTRACT: Methods relating to different functional levels of higher nervous functions were used. An arithmetical test, a test for critical frequency of intermittent visual stimulation, and the clock test (stopping a clock at a given point on the dial). Twelve students aged 30-35 years were studied. In all students an increase in the performance after the examinations was found. The flicker fusion frequency was only slightly altered. However, neurotic students showed a lower performance with the clock test after the examinations. The changes were not due to the importance of the load but more to the conditions under which the tests were made. The CNS showed changes that indicate a negative effect of mental strain. Orig. art. has: 1 table. [JPRS]

SUB CODE: 95, 06 / SUBM DATE: none

Card 1/1

KANTUSHOV, S.A., inzh. (Rostov-na-Donu)

Treating the water of the direct-flow cycle of gas cleaning  
with a solution of superphosphate. Vod.i san.tekh. no.3:30  
Mr '62. (MIRA 15:8)  
(Phosphates) (Water--Purification)

BAKSHI, R.A.; KANTUSHOV, S.A.

Control of deposition in circulating water supply systems  
for gas purification. Stal' 23 [i.e. 24] no.4:378-379 Ap '64.  
(MIRA 17:8)

1. Yuvenergometallurgprom.

GOGOLIN, A.A., kand. tekhn. nauk; BARULIN, N.Ya., inzh.; KANYSHEV, G.A.;  
SHINKA. V.Ya.

All-purpose self-contained air conditioners using Freon-22.  
Khol. tekhn. 40 no.4:12-16 J1-Ag '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy  
promyshlennosti (for Gogolin, Barulin). 2. Tsentral'noye  
konstruktorskoye byuro kholodil'nogo mashinostroyeniya (for  
Kanyshev, Shinka.)

(Air conditioning--Equipment and supplies)

KANYSHEV, G.A., inzh.

Self-contained type KS and KSI air conditioners. Khol. tekhn.  
40 no.4:69-74 JI-Ag '63. (MIRA 16:8)

(Air conditioning—Equipment and supplies)

KARTYSHOV, I. YE

Agriculture . . . .

Let us transform the State farms into model, highly productive organizations) (Moskva), Gos.  
Izd-vo Politicheskoi lit-ry, 1947

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

KANTYSHET, I. YE.

Agriculture

(Problems of improving cost accounting on state farms) Moskva, 1951

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

EPP  
.R93073

KANTYSHEV, I

YE

EKONOMICHESKOYE ZNACHENIYE TRAVOPOLINOY SISTEMY ZEMLEDELIYA. MOSKVA, IZDVO ZNANIYE,

1953.

31 P. (VSESOYUZNOYE OBSHCHESTVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH

ZNANIY. 1953, SERIYA 5 NO. 1)

BIB LIOGRAPHICAL FOOTNOTES.

RUSSIA



KANTYSKEV, I

E

Ekonomika zernovykh sovkhozov (Economics of grain state farms) 2 perer.  
1 dopol. ozd. Moskva, Sel'khozgiz, 1953.  
268 p. tables.

N/5  
72'  
.KI  
1953

KANTYSHNEV, I Ye

Epr.  
.R92:26

Za vysokoproizvoditel'nuyu i rentabel nuyu rabotu sovkhovov (For higher productivity and accomplishment in the work of the State farms) Moskva, Gospolitizdat, 1956.  
115 p. tables.

HUB

KASSIROV, L.N.; KANTYSHOV, I.I., nauchnyy rukovoditel', doktor ekon. nauk.

[Economic accountability on state farms; author's abstract of a dissertation offered for the degree of candidate of the economic sciences] Khosraschet v sovkhozakh; avtoreferat dissertatsii na soiskaniye uchenoi stepeni kandidata ekonomicheskikh nauk. Nauchnyi rukovoditel' I.I. Kantyshev. Moskva, Akad. nauk SSSR, 1957. 19 p.  
(State farms--Accounting) (MIRA 11:8)

KANTYSHEV, I.

KANTYSHEV, I.

Diversified production on state farms.  
My '57.

Vop.ekon. no.5:38-49  
(MLRA 10:7)

(State farms)

KANTYSHOV, I.

Productivity of labor and economic efficiency of production  
on state farms. Vop.ekon. no.9:137-142 8 '59.  
(MIRA 12:12)

(Agriculture--Labor productivity)

S/262/62/000/008/021/022  
1007/1207

AUTHORS: Kanukov, A. and Usov, I.

TITLE: New carburettor designs for automobile engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 8, 68, 1962, abstract 42.8.402. Za rulem, no. 4, 1961, 22-24

TEXT: The improvement of quality and reliability of carburettors, the large scale use of mechanization and automation of carburettor production, as well as reduction of carburettor prices, require the design of standardized carburettor types. As shown by preliminary calculations, due to adoption of standardized carburettors the number of many components is liable to decrease to a third, and their weight, by 23-30%. Tests of standardized carburettor types at the Gor'kiy, Ulyanov and other plants, have shown that the new design ensures a stable fuel consumption under varying working conditions. Description is given of technical maintenance, adjustment of basic components, and design of the following new carburettor series: the one-chamber K-105 type for the "Volga" car and the K114 type for the "Chayka" car. Series production of these carburettors started in 1960.

[Abstracter's note: Complete translation.]

Card 1/1

AGEYEV, M. (Rostov-na-Donu); KANUKOV, G. (Rostov-na-Donu)

Center of grain in 35 minutes. Sov. profsoyuzy 18 no.6:8  
Mr '62. (MIRA 15:3)

1. Sekretar' Rostovskogo oblastnogo komiteta profsoyuzov rabochikh i sluzhashchikh sel'skogo khozyaystva i zagotovok (for Ageyev).
2. Instruktor Rostovskogo oblastnogo soveta profsoyuzov, neshtatnyy korrespondent zhurnala "Sovetskiye profsoyuzy" (for Kanukov).

(Rostov Province--Grain)

GEORGADZE, S.; MATLIN, M.; MIRGORODSKIY, I., starshiy instruktor;  
CHERNYSHEV, G., student (Zhdanov); DEKHTYAR, B., metodist;  
VYSOTSKIY, V., instruktor; ~~KANUKOV, G.~~ (g. Shakhty, Rostovskoy obl.);  
MCHEDLISHVILI, I. (Tbilisi); BABENKO, P. (Poltavskaya obl.)

Readers relate; advise and criticize. Sov. profsoiuzy 18 no.19:30-31  
0 '62. (MIRA 15:9)

1. Nachal'nik otдела труда i zarabotnoy platy rudnika "Nittis-Kumuzh'ye" kombinata "Severonikel'", Murmanskaya obl. (for Matlin).
  2. Orgmassovyy otдел Krasnodarskogo kraysovproma (for Mirgorodskiy).
  3. Tsentral'nyy Dom kul'tury zheleznodorozhnikov, g. Rostov-na-Donu (for Dekhtyar).
  4. Gorodskoy komitet Kommunisticheskoy partii Sovetskogo Soyuz; g. Omsk (for Vysotskiy).
  5. Neshtatnyy korrespondent zhurnala "Sovetskiye profsoyuzy" (for Kanukov).
- (Tiflis—Engraving) (Trade unions) (Weddings)



KANUKOV, I.M., inzhener; NOEDBIN, I.L., inzhener.

Prestressed concrete latticed poles for contact systems. Transp. stroi.  
6 no.7:11-13 J1 '56. (MIRA 9:10)  
(Electric lines--Poles) (Prestressed concrete)

*KANUKOV, I.M.*

BARANOVA, M.A., inzhener; ~~KANUKOV, I.M.~~ inzhener.

Reinforced concrete poles for overhead networks. Elek. i topl.  
tina no.5:15-18 My '57. (MIRA 10:7)  
(Electric railroads) (Electric lines--Poles)

KANUKOV, I.M., inzh.; SHPAKOV, B.V., kand. tekhn. nauk.

Making prestressed supports for contact systems. Bet. 1 shel.-bet.  
no.3:93-96 Mr 58. (MIRA 11:3)  
(Electric railroads) (Electric lines (Poles))

KANUKOV, I.M., insh.

Wall thickness of centrifuged pipes. Transp. stroi. 9 no.4:49  
Ap '59. (MIRA 12:6)  
(Pipe, concrete)

KANUKOV, N. D.

KANUKOV, N.D., kandidat tekhnicheskikh nauk; ALEKHINA, Ye.M., redaktor;  
~~AL~~ANDROV, V.I., tekhnicheskii redaktor.

[V.A. Gassiev, inventor of the phototype-setting machine]  
V.A. Gassiev - sozdatel' fotonabernoi mashiny. Moskva, Iskustvo,  
1953. 65 p.  
(Gassiev, Viktor Afanas'evich, 1879- ) (Type-setting ma-  
chines)

*Examination V D*  
MAKIYENKO, N.I.; POPOV, V.M.; KANUKOV, N.D.

A manual which can be recommended ("Practical activities in teaching workshop" by A. G. Dubov. Reviewed by N.I. Makienko, V.M. Popov, and N.D. Kanukov). Politekh.obuch. no.11:85-87  
N '57.

(MIRA 10:10)

(Manual training)

YUSIPOV, Z.I., kand.tekhn.nauk; KANUKOV, N.D., kand.tekhn.nauk; LUCHKINA, O.A.

Introducing a mill for deep burnishing of surfaces. Stal.tekh.-ekon.  
inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform. 18 no.4:17-19 Ap  
'65. (MIRA 18:6)

KANUKOVA, S.,

Continuous-rail main lines. Inform. biul. VDNKH no.2:16-17  
F '65. (MIRA 18:3)



KANUNNIKOV, A. B.

Two-position regulator of technical water level in tanks.  
Obog. 1 brik. ugl. no.7:59-60 '58. (MIRA 12:7)  
(Donets Basin--Coal preparation--Equipment and supplies)  
(Automatic control)

KULIGIN, Aleksandr Vasil'yevich; ONEZDEVA, M.F., retsenzent; YATSON, M.F.,  
retsenzent; KAMUNNIKOV, I.V., retsenzent; AKSENOVA, I.I., red.;  
MEDVEDEV, L.Ya., tekhn.red.

[AT-100-2 and ATK-100 automatic looms] Avtomaticheskie tkatskie  
stanki AT-100-2 i ATK-100. Moskva, Gos.nauchno-tekhn.isd-vo lit-ry  
po legkoi promyshl., 1958. 265 p. (MIRA 12:3)  
(Looms)

POFYAGALOV, Afanasiy Fedorovich; KAZIMOV, A.A., retsenzent; KANUNNIKOV,  
I.V., retsenzent; AKSENOVA, I.I., red.; KOGAN, V.V., tekhn.-red.

[Sizing of warps] Shlikhtovanie osnov. Moskva, Gos.nauchno-tekhn.  
izd-vo lit-ry po legkoi promyshl., 1959. 325 p. (MIRA 13:3)  
(Weaving) (Textile finishing)

KULIGIN, Aleksandr Vasil'yevich; KAMENNIKOV, I.V., retsenzent;  
KUZNETSOV, K.P., retsenzent; SOKOLOVA, V.Ye., red.;  
TRISHINA, L.A., tekhn. red.

[Automatic AT-100-5M and AT-120-5 looms] Avtomaticheskie tkats-  
kie AT-100-5M i AT-120-5. Moskva, Rostekhzdat, 1962. 231 p.  
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(Looms)

(Automatic control)